

What is claimed is:

1    1. A digital camera with spindle capable of positioning, in which one end of a  
2    spindle is fixed to a lens end and the other attached to a main body end of the  
3    digital camera such that the lens end is permitted to rotate for view finding freely,  
4    and the spindle comprises:

5         a shaft sleeve, which is a hollow cylinder, having a plurality of lateral ears  
6         with a fixing hole each for setting the shaft sleeve to the digital camera by  
7         locking pieces; and

8         a shaft carrier having a rotation post and an ear rack, in which the rotation  
9         post is substantially a cylinder to be inserted in the shaft sleeve; a plurality of set  
10        holes is perforated in the ear rack for setting the shaft carrier on the digital  
11        camera with locking pieces;

12        in which a pair of arcuate columns is formed in the top end of the rotation post;  
13        a protruding rib is arranged on the top end of each arcuate column; a projecting  
14        dot is resided on each projecting rib; and a plurality of dimples corresponding to  
15        the dots is formed in the top rim of the shaft sleeve such that the projecting dots  
16        would be snap-engaged to the corresponding dimples to obtain a positioning  
17        effect of the lens end when the rotation post is sheathed and turned in the shaft  
18        sleeve.

- 1    2. The digital camera according to claim 1, in which the spindle is a plastic shaft.
- 1    3. The digital camera according to claim 1 being applicable by combining together  
2        with a PDA, which serves for a display device of the digital camera.